Thursday, 12/14/2006 3:39:40 PM Date: Kim Johnston User: **Process Sheet** : BAR : CU-DAR001 Dart Helicopters Services **Drawing Name** Customer Job Number : 29965 : 10389 **Estimate Number** : D31964 **Part Number** P.O. Number :VIA : D3196 UNDER **Drawing Number** : 12/14/2006 S.O. No. : ▶1 194 This Issue **Project Number** : N/A Prsht Rev. : NC. : NA : MACHINED PARTS **Drawing Revision** First Issue Type : 29121 Material Previous Run : 1/5/2007 Qty: 10 Um: Each **Due Date** Written By Checked & Approved By 05-11-08 JLM Comment New Issue **Additional Product** Job Number: Seq. #: Description: **Machine Or Operation:** M6061T6B0750X01500 6061-T6 Bar .75" X 1.5" 1.0 Comment: Qty.: 3.0345 f(s)/Unit Total: 30.3450 f(s) Material: 6061-T6/T651 (QQ-A-200/8) or (QQ-A-225/8) (M6061T6B0.750x01.500) Identify for D3196-4 (9) Batch: M102508 x BAND SAW 2.0 Comment: BAND SAW 8.806/12/29.(9) Cut blank: (0.75" x 1.50") x 34.750" long Bar HAAS CNC VERTICAL MACHINING #1 3.0 HAAS1 Comment: HAAS CNC VERTICAL MACHINING #1 1-Machine D3196-4 as per Folio FA339 and Dwg D3196Identify as D3196-4 sol legiter 2-Deburr INSPECT PARTS AS THEY COME OFF MACHINE QC2 4.0 Comment: INSPECT PARTS AS THEY COME OFF MACHINE 5.0 SECOND CHECK QC8

Comment: SECOND CHECK

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Dart Aerospace Ltd

| W/O: | | WORK ORDER CHANGES | | | | | | | | |
|------|------|--------------------|--|---|-------|-----|-------------------------------------|--------------------------|--|--|
| DATE | STEP | PROCEDURE CHANGE | | | ate (| aty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | | |
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| Part No: | D3196-4 | PAR #:\\ A | Fault Category: _ | CNC | | | Date: 67.0~05 |
|----------|---------|------------|-------------------|-----|---------|---------|----------------|
| | | | | | QA: N/C | Closed: | Date: 07-01-05 |

| NCR: 2 | 9965 | W | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|----------|--------|--|----------------------------------|------------------------------|----------------|--------------|-----------|--------------------------|--|
| | | Description of NC | | Corrective Action Section B | | Verification | Approval | Annroyal | |
| DATE | STEP | Section A | Initial Chief Eng | Action Description Chief Eng | Sign & Date | Section C | Chief Eng | Approval QC Inspector | |
| So/rolto | ±± 3.° | ene (1) part scrap. Placed the wrong Direction when muchy, operator Erro | Josiph | Scrap and destroy. no myt. | €9 67/62/02 | 01.02 | ONUL | 67-01-0Z | |
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NOTE: Date & initial all entries

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| _Date: Thu | rsday, 12/14/2006 3:39:41 PM | 1 . | | | |
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| | Johnston | Process Sho | eet . | | |
| Customer: | CU-DAR001 Dart Helicopters Service | es Draw ir | g Name: BAR | | |
| | | | . 004004 | | |
| Job Number: | 29965 | Part | Number: D31964 | | - |
| Job Number. | | | | | |
| Seq. #: | Machine Or Operation: | | Description : | | |
| 6.0 | HAND FINISHING1 | HAND FINISHING RI | SOURCE #1 | | |
| | | | | | |
| Comme | ent: HAND FINISHING RESOURCE | | | 2/2//2 | |
| 7.0 | Chemical Conversion Coat as POWDER COATING | POWDER COATING | Ø · M | 07/01/03 | (8) |
| • | | | | | · |
| Comme | ent: POWDER COATING | of 4.2.5.6\ as not OCLODE 4.2 | | az la lay | (X) |
| 8.0 | Powder Coat Grey Sandtex (R | INSPECT POWDER | COAT/CHEMICAL CONV | ERSION (| |
| | | | | | |
| | ent: INSPECT POWDER COAT/Ch | | 10 7/5 | 1/04 (8) | |
| 9.0 | PACKAGING 1 | PACKAGING RESÓ | JRCE #1 | | |
| Comme | ent: PACKAGING RESOURCE #1 | | 1 /0 | 7/01/04 | |
| | Identify and Stock | 11/207 | 1 | | ジ |
| 10.0 | Location: 5H34 | FINAL INSPECTION | W/O RELEASE | | |
| | | | <i>-</i> (, | | • |
| Comme | ent: FINAL INSPECTION/W/O REL | EASE | | A07.01.05 | |
| Job Completion | | | | u 01-01-05 | |
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| Dart Ae | rospace L | .td | | | | | | |
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| W/O: | | | WC | ORK ORDER CHANGES | | | | |
| DATE | STEP | PRO | OCEDURE CHA | NGE | Ву | Date Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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| Part No | : | PAR #: | Fault Cate | gory: N | CR: Yes | No DQA: | Date: | |
| | | | | | QA: N/ | C Closed: | Date: _ | |
| NCR: | | | WORK ORD | ER NON-CONFORMANC | CE (NCR) |) | | |
| | | Description of NC Corrective Action Section B | | , | Verification | Approval | Approval | |
| DATE | STEP | Section A | Initial Chief Eng | Action Description Chief Eng | Sign & Date | Section C | Chief Eng | QC Inspector |
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| NCK: | | WORK ORDER WORK ORWANIE | | | | | | | | |
|------|------|-------------------------|----------------------|------------------------------|----------------|---------------------------|-----------------------|-------------------------|--|--|
| | | Description of NC | | Corrective Action Section B | | | | A | | |
| DATE | STEP | Section A | Initial Chief Eng | Action Description Chief Eng | Sign & Date | Verification Section C | Approval Chief Eng | Approval QC Inspecto | | |
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NOTE: Date & initial all entries

| DART AEROSPACE LTD | Work Order: 29965 |
|--|----------------------|
| Description: Bar | Part Number: D3196-4 |
| Inspection Dwg: D3196 Rev: 8 C 4 06.17 | -15 Page 1 of 1 |

FIRST ARTICLE INSPECTION CHECKLIST

| X First Article | Prototype |
|-----------------|-----------|
|-----------------|-----------|

| Drawing Dimension | Tolerance | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
|----------------------|----------------------|---------------------|----------|--------|-------------------------|----------|
| 34.625 | +/-0.010 | 34.625 | <u></u> | | Tope Means | |
| 33.650 | +/-0.010 | 33.600 | | | 11 11 | |
| 16.639 | +/-0.010 | 16.639 | | | u u | |
| 0.488 | +/-0.010 | 6.487 | | | very | |
| 0.962 | +/-0.005 | 0967 | | | ven | |
| 0.464 | +/-0.010 | 0.468 | | | ĸ | |
| 0.504 | +/-0.010 | 0.509 | | | •1 | <u> </u> |
| Ø0.344 | +0.006/-0.001 | 0348 | | | C/ | |
| Ø0.660 x 100° | +0.008/-0.001 x 0.5° | 0.6602100 | | | и | |
| 0.512 | +/-0.005 | 502.0 | | | very | |
| 0.060 x 45° | +/-0.010 x 0.5° | 0.667246 | | | ٠(| |
| 4.750 | +/-0.010 | 4.757 | <u> </u> | | van | |
| 12.531 | +/-0.010 | 12.531 | | | TAPE MEASO | |
| 16.627 | +/-0.010 | 16.627 | | | ., ., | |
| 21.844 | +/-0.010 | 21.844 | | | 1111 | |
| 29.625 | +/-0.010 | 29.625 | ~ | | Ape measure | |
| 0.250 | +/-0,010 | 0748 | | | vena | |
| 1.000 | +/-0.010 | 8.997 | | | ven | |
| R0.125 | +/-0.010 | 0.175 | | | R.G | |
| 0.987 | +/-0.010 | 0.988 | | | ien | |
| | | | | | | |

| Measured by: | Audited by: | me | Prototype Approval: | N/A |
|-----------------|-------------|----------|---------------------|-----|
| Date: 06 12 129 | Date: | 06/12/29 | Date: | N/A |

| Rev | Date | Change | Revised by | Approved |
|-----|----------|------------------|------------|----------|
| Α | 04.04.20 | New Issue | KJ/RF | |
| В | 06.10.24 | Dwg Rev. updated | KJ/JLM of | _ E |





